

WHAT IS CLAIMED IS:

1. A data output system in which a plurality of  
output apparatuses and a plurality of information  
accumulating apparatuses are connected together through  
5 a network, and data stored in the information storing  
apparatuses are outputted by the output apparatuses,  
characterized by the provision of:

pursuing means for pursuing a user's location;

10 data moving means for moving the data to the  
information accumulating apparatus corresponding to  
location information indicative of the user's location;  
and

15 output processing means for transmitting the  
relevant data from the information accumulating  
apparatus storing the relevant data therein to the  
output apparatus in accordance with the instructions  
from the user for the outputting of the data.

2. A data output system according to Claim 1,  
20 characterized by the provision of:

information display means for displaying the  
data accumulated in the information accumulating  
apparatuses on the screen of an information processing  
apparatus used by the user;

25 designating means for designating desired data  
from among the displayed data; and

transmitting means for transmitting the

designated data to the information processing apparatus used by the user.

3. A data output system according to Claim 1,  
5 having user designating means for designating the user,  
and characterized in that the information of the degree  
of importance, urgency, etc. is designated in said user  
designating means.

10 4. A data output system according to Claim 1,  
characterized in that said pursuing means specifies the  
user's location on the basis of location information  
transmitted by an information processing apparatus used  
by the user.

15 5. A data output system according to Claim 1,  
characterized in that said moving means selects the  
information accumulating apparatus corresponding to  
location information indicative of the user's location,  
20 and moves the data to the selected information  
accumulating apparatus.

6. A data output system according to Claim 2,  
characterized in that said information display means  
25 displays the data name of the data moved to the nearest  
information accumulating apparatus and addressed to the  
relevant user on the screen of the information

processing apparatus used by the user.

7. A data output system according to Claim 6,  
characterized in that said output processing means  
5 transmits at least one datum selected from among the  
displayed data to the output apparatus.

8. A data output system according to Claim 1,  
characterized in that the data is document data, and  
10 the output apparatuses are printing apparatuses.

9. A data output system according to Claim 1,  
characterized in that said moving means determines  
whether the location information has been updated, and  
15 selects the information accumulating apparatus  
corresponding to the location information in conformity  
with the determination that it has been updated.

10. A data output system according to Claim 1,  
20 characterized in that said moving means moves the data  
when the information accumulating apparatus currently  
storing the data therein and the information  
accumulating apparatus corresponding to the location  
information differ from each other.

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11. A data outputting method of causing data  
stored in information accumulating apparatuses to be

outputted by output apparatuses in a data output system wherein a plurality of output apparatuses and a plurality of information accumulating apparatuses are connected together through a network, characterized by:

5           pursuing a user's location;

          moving the data to the information accumulating apparatus corresponding to location information indicative of the user's location; and

          transmitting the relevant data from the  
10       information accumulating apparatus storing the relevant data therein to the output apparatus in accordance with the instructions from the user for the outputting of the data.

15           12. A data outputting method according to Claim 11, characterized by:

          displaying the data accumulated in the information accumulating apparatuses on the screen of an information processing apparatus used by the user;

20       and

          transmitting data designated from among the displayed data to an information processing apparatus used by the user.

25           13. A data outputting method according to Claim 11, characterized in that the name of the user using the data, and the information of the degree of

importance of the data, urgency of the data, etc. can be designated.

14. A data outputting method according to Claim 5 11, characterized in that the user's location is specified on the basis of the location information transmitted by an information processing apparatus used by the user.

10 15. A data outputting method according to Claim 11, characterized in that the information accumulating apparatus corresponding to the location information indicative of the user's location is selected, and the data is moved to the selected information accumulating 15 apparatus.

16. A data outputting method according to Claim 12, characterized in that the data name of the data moved to the nearest information accumulating apparatus 20 and addressed to the relevant user is displayed on the screen of the information processing apparatus used by the user.

17. A data outputting method according to Claim 25 16, characterized in that at least one datum selected from among the displayed data is transmitted to the output apparatus.

18. A data outputting method according to Claim 11, characterized in that the data is document data, and the output apparatuses are printing apparatuses.

5 19. A data outputting method according to Claim 11, characterized in that whether the location information has been updated is determined, and the information accumulating apparatus corresponding to the location information is selected in conformity with the  
10 determination that it has been updated.

20. A data outputting method according to Claim 11, characterized in that the data is moved when the information accumulating apparatus currently storing  
15 the data therein and the information accumulating apparatus corresponding to the location information differ from each other.

21. An information terminal used by a user in a  
20 data output system for moving data to an information accumulating apparatus corresponding to the user's location specified by a location managing apparatus, characterized by the provision of:

transmitting means for transmitting the  
25 location of said information user to said location managing apparatus;

display means for displaying on a screen the

data moved to said information accumulating apparatus  
and addressed to the user; and

specifying means for specifying data to be  
outputted from among the displayed data.

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22. An information processing apparatus used by  
the provider of data in a data output system for moving  
the data to an information accumulating apparatus  
corresponding to a user's location specified by a  
10 location managing apparatus, characterized by the  
provision of:

designating means for designating the user;  
and

transmitting means for transmitting the data  
15 to the information accumulating apparatus with the  
designation of the user.

23. An information accumulating apparatus in a  
data output system for moving data to an information  
20 accumulating apparatus corresponding to a user's  
location specified by a location managing apparatus,  
characterized by the provision of:

information storing means storing therein a  
transmission program for transmitting the data to other  
25 information accumulating apparatus corresponding to the  
user's location, and the data; and

moving means for executing said transmission

program, and moving the data to the other information accumulating apparatus corresponding to the user's location.

5           24. A storage medium storing therein a program  
executed in a data output system for moving data to an  
information accumulating apparatus corresponding to a  
user's location specified by a location managing  
apparatus, characterized in that said program makes a  
10 computer execute;  
the step of pursuing the user's location;  
the step of moving the data to the  
information accumulating apparatus corresponding to the  
user's location; and  
15 the step of transmitting the relevant data  
from an information accumulating apparatus storing the  
relevant data therein to an output apparatus in  
accordance with the instructions from the user for the  
outputting of the data.

20  
25           25. A program executed in a data output system  
for moving data to an information accumulating  
apparatus corresponding to a user's location specified  
by a location managing apparatus, characterized by  
making a computer execute;  
the step of pursuing the user's location;  
the step of moving the data to the



information accumulating apparatus corresponding to the user's location; and

5           the step of transmitting the relevant data from an information accumulating apparatus storing the relevant data therein to an output apparatus in accordance with the instructions from the user for the outputting of the data.